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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  Date Submitted: November 22, 2010 <i>(use as many sheets as necessary)</i>		Application Number	09/538493
		Filing Date	3/30/2000
		First Named Inventor	Geoffrey B. Rhoads
		Art Unit	2437
		Examiner Name	Matthew Smithers
Sheet 1 of 6	Attorney Docket Number	098888-1503	

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		3004104	10-10-1962	Hembroke	
		3845391	10-29-1974	Crosby	
		3919479	11-11-1975	Moon	
		4237484	12-02-1980	Brown, et al.	
		4238849	12-09-1980	Gassmann	
		4313197	01-26-1982	Maxemchuk	
		4425661	01-10-1984	Moses, et al.	
		4432096	02-14-1984	Bunge	
		4547804	10-15-1985	Greenberg	
		4703476	10-27-1987	Howard	
		4739398	04-19-1988	Thomas, et al.	
		4807031	02-21-1989	Broughton, et al.	
		4855697	08-08-1989	Jones, et al.	
		4907156	03-06-1990	Doi, et al.	
		4908836	03-13-1990	Rushforth, et al.	
		4943973	07-24-1990	Werner	
		4945412	07-31-1990	Kramer	
		4972471	11-20-1990	Gross, et al.	
		4979210	12-18-1990	Nagata, et al.	
		5079648	01-07-1992	Maufe	
		5023929	06-11-1991	Call	
		5101432	03-31-1992	Webb	
		5113437	05-12-1992	Best et al.	
		5168147	12-01-1992	Bloomberg	
		5175710	12-29-1992	Hutson	
		5319735	06-07-1994	Preuss et al.	
		5396559	03-07-1995	McGrew	
		5404377	04-04-1995	Moses	
		5425100	06-13-1995	Thomas et al.	
		5499294	03-12-1996	Friedman	
		6450490	09-17-1995	Jensen et al.	
		5579124	11-26-1996	Aijala et al.	
		5568570	03-18-1997	Cooperman et al	
		5636292	06-03-1997	Rhoads	
		5664018	08-19-1997	Sandford et al.	

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				Examiner Name	Matthew Smithers
Sheet	2	of	6	Attorney Docket Number	098888-1503

## U.S. PATENT DOCUMENTS

	Document Number		
	5664018	09-02-1997	Leighton
	5687191	11-11-1997	Lee et al.
	5689587	11-18-1997	Bender et al
	5699079	12-16-1997	Gossett
	5719966	02-17-1998	Brill et al
	5721788	02-24-1998	Powell et al.
	5764763	06-09-1998	Jensen et al.
	5768426	06-16-1998	Rhoads
	5745604	04-28-1998	Rhoads
	5748763	05-5-21998	Rhoads
	5774452	06-30-1988	Wolosewicz
	5799111	08-25-1998	Guissin
	5822360	10-13-1998	Lee et al.
	5822432	10-13-1998	Moskowitz et al.
	5825892	10-20-1998	Braudaway et al.
	5832119	11-03-1998	Rhoads
	5841886	11-24-1998	Rhoads
	5841978	11-24-1998	Rhoads
	5848155	12-08-1998	Cox
	5850481	12-15-1998	Rhoads
	5859920	01-12-1999	Daly et al.
	5889868	03-30-1999	Moskowitz et al.
	5905819	05-18-1999	Daly
	5933798	08-08-1999	Linnartz
	5963909	10-05-1999	Warren et al.
	6026193	02-15-2000	Rhoads
	6031914	02-29-2000	Tewfik
	6125172	09-26-2000	August et al.
	6182218	01-30-2001	Saito
	6249870	06-19-2001	Kobayashi et al.
	6259801	07-10-2001	Wakasu
	6266430	07-24-2001	Rhoads
	6272176	08-07-2001	Srinivasan
	6272634	08-07-2001	Tewfik et al.
	6301663	10-09-2001	Kato et al.
	6310962	10-30-2001	Chung et al.
	6330335	12-11-2001	Rhoads
	6330673	12-11-2001	Levine

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STATEMENT BY APPLICANT**

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**U.S. PATENT DOCUMENTS**

Document Number		
6359985	03-19-2002	Koch et al.
6341350	01-22-2002	Miyahara et al
6345100	02-05-2002	Levine
6353672	03-05-2002	Rhoads
6363159	03-26-2002	Rhoads
6374036	04-16-2002	Ryan et al.
6404898	06-11-2002	Rhoads
6424725	07-23-2002	Rhoads et al.
6442284	08-24-2002	Gustafson et al.
6542618	04-01-2003	Rhoads
6542620	04-01-2003	Rhoads
6557103	04-29-2003	Boncelet, Jr et al.
6563936	05-13-2003	Brill et al.
6577744	06-10-2003	Braudaway et al.
6614914	09-02-2003	Rhoads et al.
6654480	11-25-2003	Rhoads
6675146	01-06-2004	Rhoads
6681027	01-20-2004	Rhoads
6751337	06-15-2004	Tewfik et al.
6754377	06-22-2004	Rhoads
6778682	08-17-2004	Rhoads
6782116	08-24-2004	Zhao et al.
6807285	10-19-2004	Iwamura
6959100	10-25-2005	Rhoads
6961444	11-01-2005	Levy
6983051	01-03-2006	Rhoads
7076082	07-11-2006	Sharma
7107451	09-12-2006	Moskowitz
7136503	11-14-2006	Powell et al.
7286684	10-23-2007	Rhoads et al.
7231061	06-12-2007	Bradley
7242790	07-10-2007	Rhoads
7251475	07-31-2007	Kawamoto
7269734	09-11-2007	Johnson et al.
7391881	06-24-2008	Sharma
7366908	04-29-2008	Tewfik
7412074	08-12-2008	Powell et al.
7489801	02-10-2009	Sharma et al.

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Sheet 4 of 6				<b>Examiner Name</b>	Matthew Smithers
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## U.S. PATENT DOCUMENTS

Document Number		
7706570	04-27-2010	Sharma et al.
7715446	05-11-2010	Rhoads
7770013	08-03-2010	Rhoads et al.
2001/0029580	10-11-2001	Moskowitz
2001/0032313	10-18-2001	Haitsma et al.
2002/0029338	03-07-2002	Bloom et al.
2002/0057823	05-16-2002	Sharma et al.
2002/0090110	07-11-2002	Braudaway et al.
2002/0157005	10-24-2002	Brunk et al.
2003/0091213	05-15-2003	Yamakage et al.
2003/0219144	11-27-2003	Rhoads et al.
2004/0030899	02-12-2004	Lee et al.
2005/0065780	03-24-2005	Wiser et al.

## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Documents	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		EP0855829	07-29-1998	NOKIA TECHNOLOGY GMBH		
		WO97/02522	01-23-1997	HIGHWATER FBI LIMITED		
		WO98/02864	01-22-1998	THE DICE COMPANY		
		WO01/39121	05-31-2001	KONINKLIJKE PHILIPS ELECTRONICS N.V.		

## NON PATENT LITERATURE DOCUMENTS

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		Alattar, "Bridging Printed Media and the Internet via Digimarc's Watermarking Technology," 8.sup.th ACM Int'l Multimedia Conf., Nov. 4, 2000, 5 pages	

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		Alattar, "Smart Images Using Digimarc's Watermarking Technology," SPIE 12.sup.th Int'l Symposium on Electronic Imaging, vol. 3971, No. 25, pp. 1-10, Jan. 25, 2000.	
		Anderson, "Stretching the Limits of Steganography," Proc. First Int. Workshop on Information Hiding, pp. 39-48, May 30, 1996.	
		Aura, "Practical Invisibility in Digital Communication," Proc. First Int. Workshop on Information Hiding, pp. 265-278, May 30, 1996.	
		Bender et al., "Applications for Data Hiding," IBM Systems Journal, vol. 39, Nos. 3&4, 2000, pp. 547-568.	
		Cox et al., "Secure Spread Spectrum Watermarking for Images, Audio and Video," Proc. Int. Conf. on Image Processing, Sep. 16-19, 1996, Part vol. 3, pp. 243-6.	
		Hill, "Simultaneous Subliminal Signalling in Conventional Sound Circuits," BBC Engineering, Number 90, pp. 14-24, 31, 1972.	
		Kim, H., "Stochastic Model Based Audio Watermark and Whitening Filter for Improved Detection," Proc. IEEE Int. Conf. on Acoustics, Speech, and Signal Processing, Jun. 2000, pp. 1971-1974.	
		Komatsu, "Authentication System Using Concealed Image in Telematics," Memoirs of the School of Science and Engineering, Waseda Univ., No. 52, pp. 45-60, 1988.	
		Kutter, "Performance Improvement of Spread Spectrum Based Image Watermarking Schemes Through M-ary Modulation, Dresden Information Hiding Workshop," 1999, 16 pages.	
		Linnartz et al., "Philips Electronics Response to Call for Proposals Issued by the Data Hiding SubGroup," Copy Protection Technical Working Group, February 19, 2002, 32 pages.	
		Matsui, et al "Video-Steganography: How to Secretly Embed a Signature in a Picture", Journal of the Interactive Multimedia Association Intellectual Property Project, v. 1, I. 1, Jan. 1994.	
		Namba, Seiichi, et al., "A Program Identification Code Transmission System Using Low-Frequency Audio Signals"; NHK Laboratories Note; Ser. No. 314, Mar. 1985, 14 pages.	

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		"Simultaneous subliminal signalling in conventional sound circuits: a feasibility study," BBC Research Department Report No. 1971/1, January 1971, 16 pages.	
		Steele, R. et al., "Embedding Data in Speech using Scrambling Techniques," IEEE International Conference on Acoustics, Speech and Signal Processing, Vol. 3, May 1982., pages 1801-1804.	
		Steele, R. et al., "Simultaneous Transmission of Speech and Data Using Code-Breaking Techniques," The Bell System Tech. Jour., vol. 60, No. 9, pp. 2081-2105, Nov. 1981.	
		Szepanski, "A Signal Theoretic Method for Creating Forgery-Proof Documents for Automatic Verification," Proceedings 1979 Carnahan Conference on Crime Countermeasures, May 16, 1979, pp. 101-109.	
		ten Kate, et al., "Digital Audio Carrying Extra Information," Philips Research Labs, pp 1097 -- 1100, IEEE 1990.	
		Xydeas, et al., "Embedding data into pictures by Modulo Masking," IEEE Trans., vol. COM-32, No. 1, pp. 56-69, January 1984.	
		May 2, 2006 Notice of Allowance; February 16, 2006 Amendment after Final; November 16, 2005 final Office Action; August 22, 2005 Amendment; August 16, 2005 Interview Summary; May 20, 2005 non-final Office Action; February 18, 2005 Response to Election; and December 20, 2004 Requirement for Restriction; all from U.S. Patent Application No. 09/789,711 (now US Patent No. 7,107,451).	

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